

Claims

1. A therapeutic treatment device having a contact surface for the patient, **characterized in that** at least one acoustic body (1) is attached below the contact surface, which generates sound waves having a frequency below 100 Hz, which lie within predefined, discrete frequency bands, and an operating unit (4) having multiple operating elements (9) for activating the at least one acoustic body (1) being provided, an operating element (9) being assigned to each of these discrete frequency bands and allowing its selection.
2. The therapeutic treatment device according to Claim 1, **characterized in that** precisely two acoustic bodies (1) are provided.
3. The therapeutic treatment device according to Claim 2, **characterized in that** the acoustic bodies (1) are positioned below the contact surface in such a way that when a patient reclines on the contact surface, one acoustic body (1) comes to rest below the pelvic area of the patient and the second acoustic body (1) comes to rest below the chest area of the patient.
4. The therapeutic treatment device according to one of Claims 1 through 3, **characterized in that** the frequency band extends from 31 Hz to 33 Hz.
5. The therapeutic treatment device according to one of Claims 1 through 4, **characterized in that** the frequency band extends from 35.5 Hz to 37.5 Hz.

6. The therapeutic treatment device according to one of Claims 1 through 5, **characterized in that** the frequency band extends from 40 Hz to 42.5 Hz.
7. The therapeutic treatment device according to one of Claims 1 through 6, **characterized in that** the frequency band extends from 44.5 Hz to 46.5 Hz.
8. The therapeutic treatment device according to one of Claims 1 through 7, **characterized in that** the frequency band extends from 49 Hz to 51 Hz.
9. The therapeutic treatment device according to one of Claims 1 through 8, **characterized in that** the frequency band extends from 54 Hz to 56 Hz.
10. The therapeutic treatment device according to one of Claims 1 through 9, **characterized in that** the frequency band extends from 58.5 Hz to 60.5 Hz.
11. The therapeutic treatment device according to one of Claims 1 through 10, **characterized in that** the operating unit (4) is equipped with an operating element (10) for amplitude modulation of the sound waves of the at least one acoustic body (1).
12. The therapeutic treatment device according to one of Claims 1 through 11, **characterized in that** a sine wave generator (11) and a pulse shaper (13) are provided, the pulse

shaper (13) converting the sinusoidal oscillations generated by the sine wave generator (11) into a sawtooth vibration.

13. The therapeutic treatment device according to one of Claims 1 through 11, **characterized in that** a sine wave generator (11) and a pulse shaper (13) are provided, the pulse shaper (13) converting the sinusoidal oscillations generated by the sine wave generator (11) into a square wave vibration.

14. The therapeutic treatment device according to one of Claims 1 through 11, **characterized in that** a sine wave generator (11) and a pulse shaper (13) are provided, the pulse shaper (13) converting the sinusoidal oscillations generated by the sine wave generator (11) into a triangular vibration.

15. The therapeutic treatment device according to one of Claims 1 through 11, **characterized in that** a sine wave generator (11) and a pulse shaper (13) are provided, the pulse shaper (13) converting the sinusoidal oscillations generated by the sine wave generator (11) into pulsed vibrations.

16. Storage medium for audio signals for use with a therapeutic treatment device according to claim, **characterized in that** the audio signals essentially have frequencies which lie within predefined, discrete frequency bands below 100 Hz.